

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030822AL\
 Data File : FD041429.D
 Signal(s) : FID2B.CH
 Acq On : 08 Mar 2022 11:24
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 09 00:33:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.240	3255002	18.765 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	12.680	2526062	18.658 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.103	2824275	19.395 ug/ml
2) T n-Decane (C10)	4.149	2815083	19.496 ug/ml
3) T A~Naphthalene (C11.7)	5.699	3128059	19.582 ug/ml
4) T n-Dodecane (C12)	6.146	2915473	19.685 ug/ml
5) T A~2-methylnaphthalene...	6.746	3163113	19.766 ug/ml
6) T n-Tetradecane (C14)	7.924	2953233	19.727 ug/ml
7) T n-Hexadecane (C16)	9.512	2982414	19.591 ug/ml
8) T n-Octadecane (C18)	10.942	2999162	19.296 ug/ml
10) T n-Eicosane (C20)	12.243	2938504	18.928 ug/ml
11) T n-Heneicosane (C21)	12.851	2928954	18.705 ug/ml
13) T n-Docosane (C22)	13.434	2888385	18.443 ug/ml
14) T n-Tetracosane (C24)	14.530	2800457	17.854 ug/ml
15) T n-Hexacosane (C26)	15.544	2672217	17.392 ug/ml
16) T n-Octacosane (C28)	16.488	2547173	17.115 ug/ml
17) T n-Tricontane (C30)	17.370	2413383	17.152 ug/ml
18) T n-Dotriacontane (C32)	18.198	2257722	17.746 ug/ml
19) T n-Tetratriacontane (C34)	18.977	2113239	18.554 ug/ml
20) T n-Hexatriacontane (C36)	19.714	1997629	19.490 ug/ml
21) T n-Octatriacontane (C38)	20.411	1937092	20.403 ug/ml
22) T n-Tetracontane (C40)	21.195	1957792	20.658 ug/ml

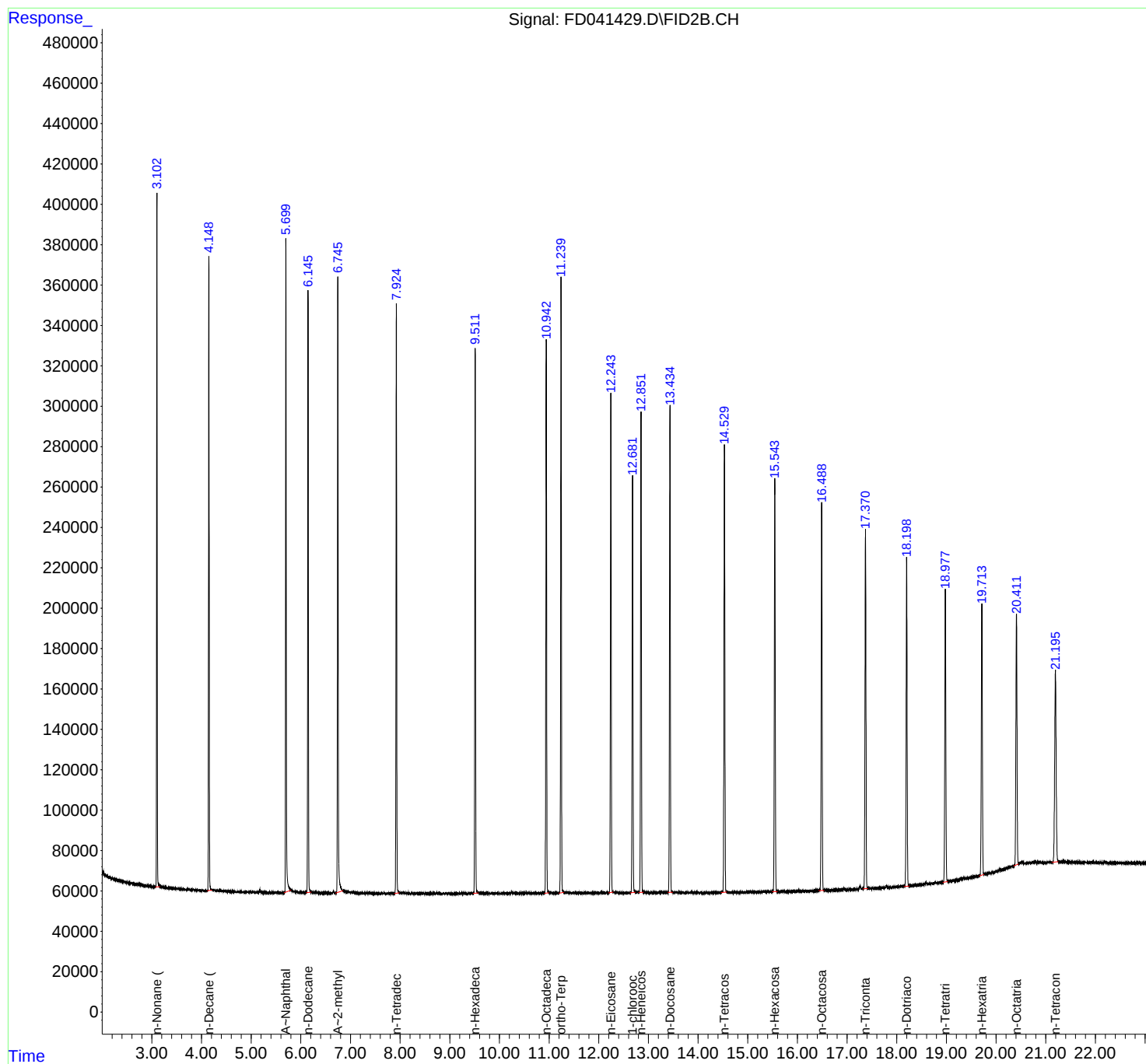
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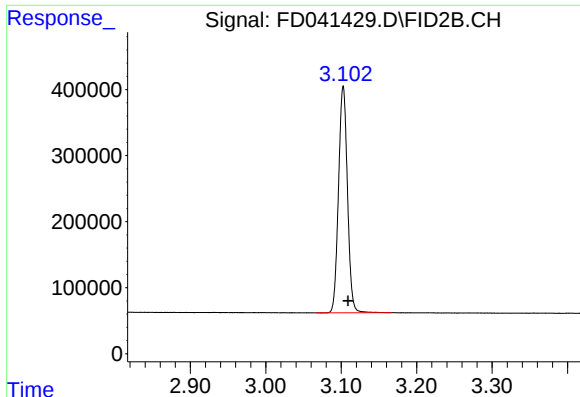
(m)=manual int.

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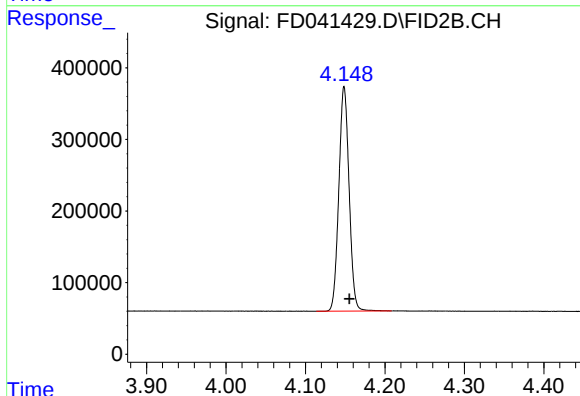
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Signal Info : 20M x 0.18mm x 0.18um





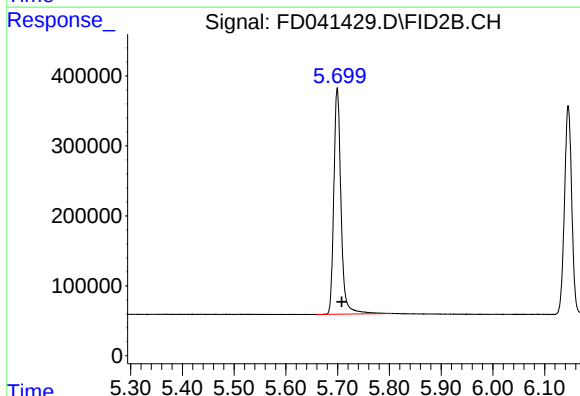
#1 n-Nonane (C9)

R.T.: 3.103 min
Delta R.T.: -0.006 min
Response: 2824275
Conc: 19.40 ug/ml



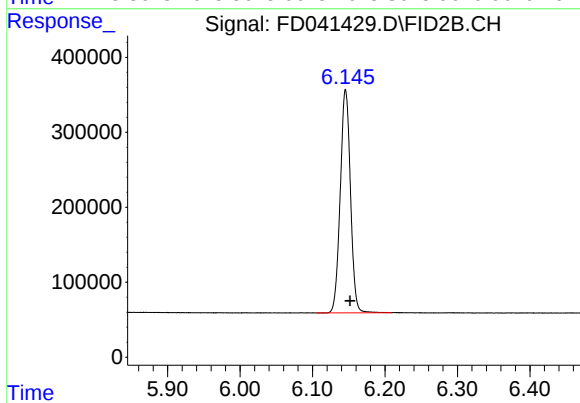
#2 n-Decane (C10)

R.T.: 4.149 min
Delta R.T.: -0.007 min
Response: 2815083
Conc: 19.50 ug/ml



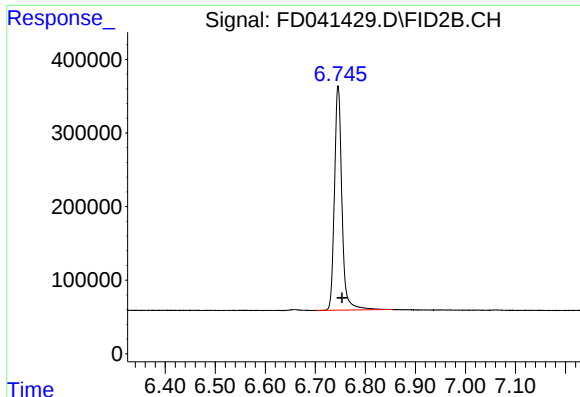
#3 A~Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.009 min
Response: 3128059
Conc: 19.58 ug/ml



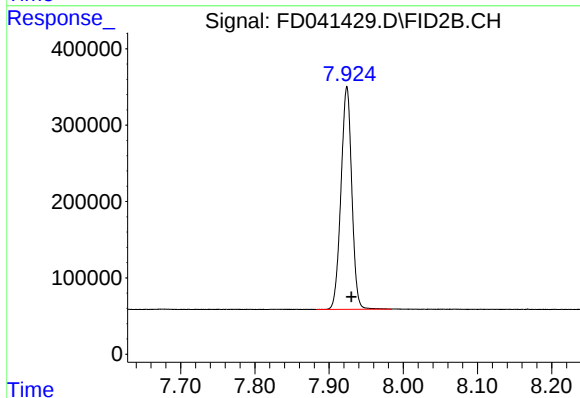
#4 n-Dodecane (C12)

R.T.: 6.146 min
Delta R.T.: -0.006 min
Response: 2915473
Conc: 19.69 ug/ml



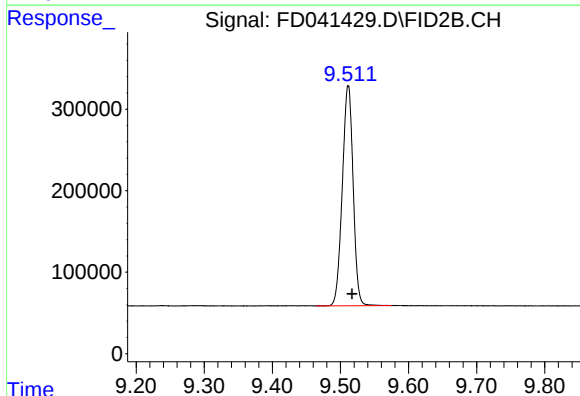
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: -0.008 min
Response: 3163113
Conc: 19.77 ug/ml



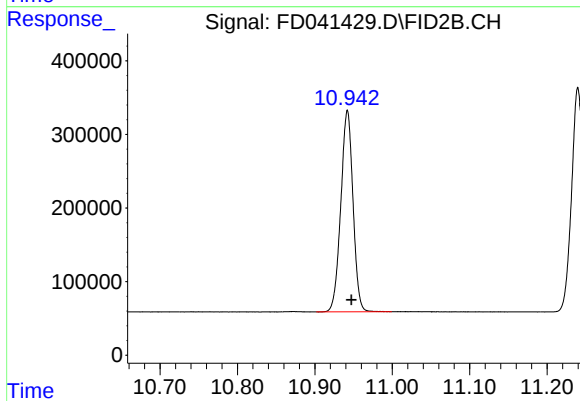
#6 n-Tetradecane (C14)

R.T.: 7.924 min
Delta R.T.: -0.006 min
Response: 2953233
Conc: 19.73 ug/ml



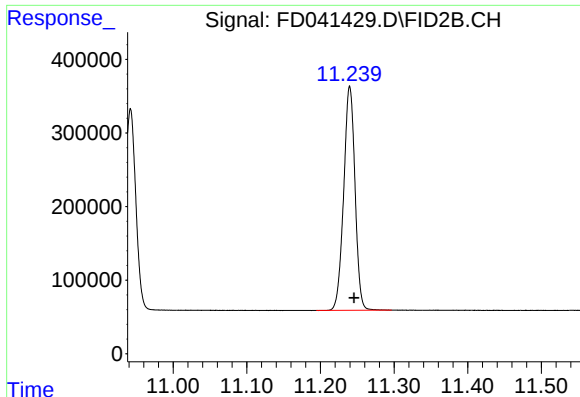
#7 n-Hexadecane (C16)

R.T.: 9.512 min
Delta R.T.: -0.006 min
Response: 2982414
Conc: 19.59 ug/ml



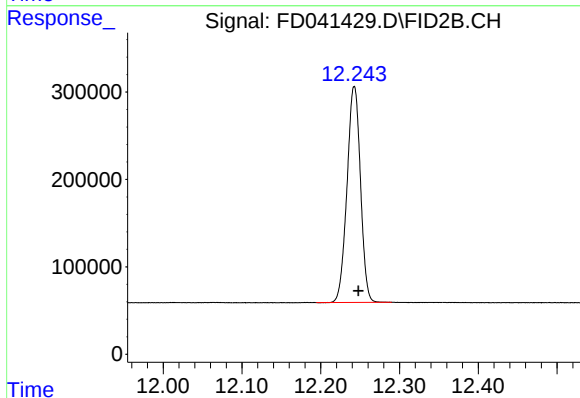
#8 n-Octadecane (C18)

R.T.: 10.942 min
Delta R.T.: -0.005 min
Response: 2999162
Conc: 19.30 ug/ml



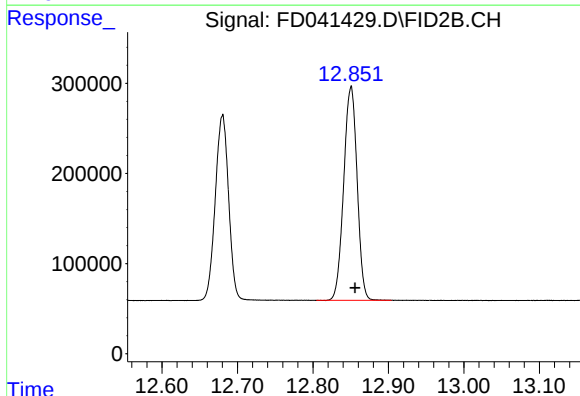
#9 ortho-Terphenyl (SURR)

R.T.: 11.240 min
Delta R.T.: -0.006 min
Response: 3255002
Conc: 18.76 ug/ml



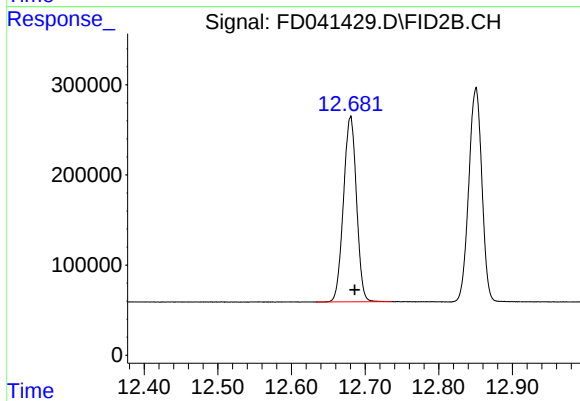
#10 n-Eicosane (C20)

R.T.: 12.243 min
Delta R.T.: -0.005 min
Response: 2938504
Conc: 18.93 ug/ml



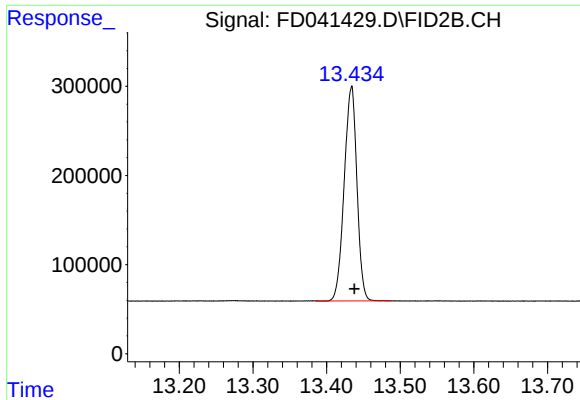
#11 n-Heneicosane (C21)

R.T.: 12.851 min
Delta R.T.: -0.005 min
Response: 2928954
Conc: 18.71 ug/ml



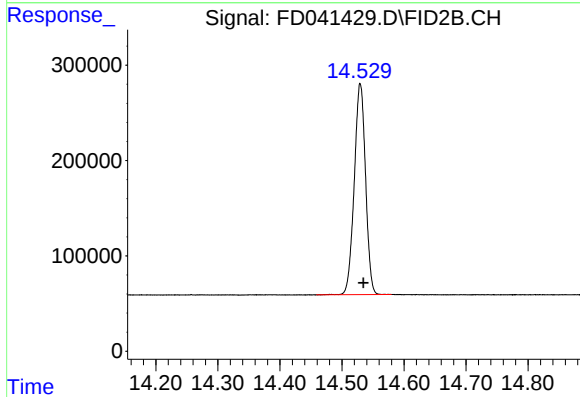
#12 1-chlorooctadecane (SURR)

R.T.: 12.680 min
Delta R.T.: -0.006 min
Response: 2526062
Conc: 18.66 ug/ml



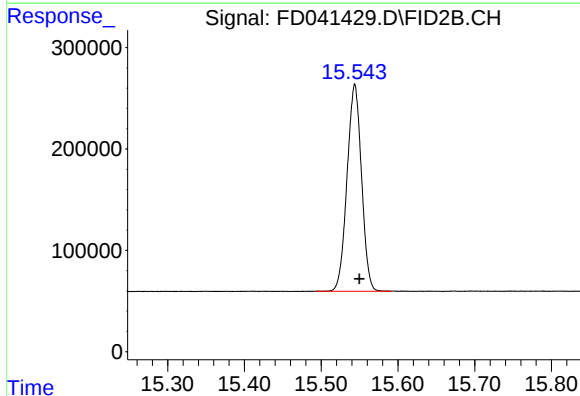
#13 n-Docosane (C22)

R.T.: 13.434 min
Delta R.T.: -0.004 min
Response: 2888385
Conc: 18.44 ug/ml



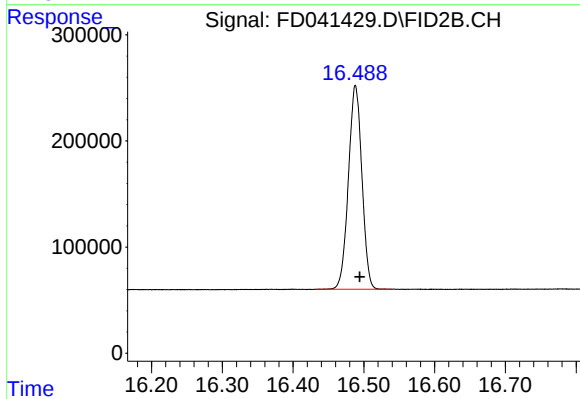
#14 n-Tetracosane (C24)

R.T.: 14.530 min
Delta R.T.: -0.005 min
Response: 2800457
Conc: 17.85 ug/ml



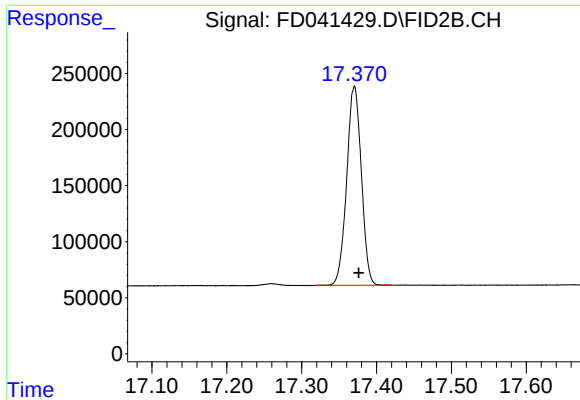
#15 n-Hexacosane (C26)

R.T.: 15.544 min
Delta R.T.: -0.006 min
Response: 2672217
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.488 min
Delta R.T.: -0.006 min
Response: 2547173
Conc: 17.11 ug/ml



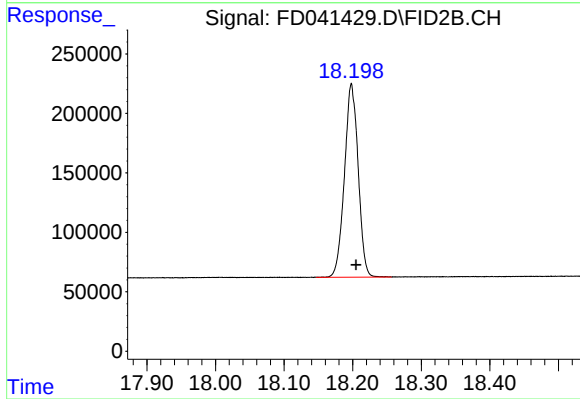
#17 n-Tricontane (C30)

R.T.: 17.370 min

Delta R.T.: -0.006 min

Response: 2413383

Conc: 17.15 ug/ml



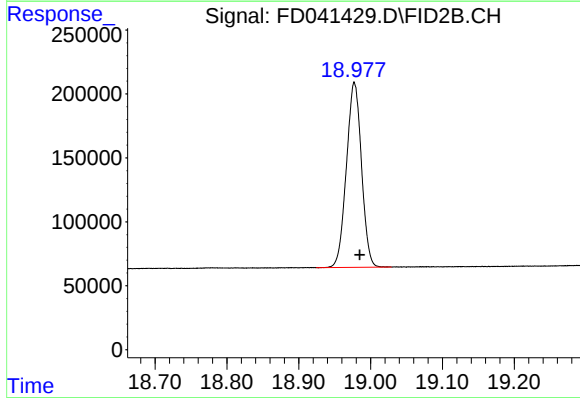
#18 n-Dotriacontane (C32)

R.T.: 18.198 min

Delta R.T.: -0.007 min

Response: 2257722

Conc: 17.75 ug/ml



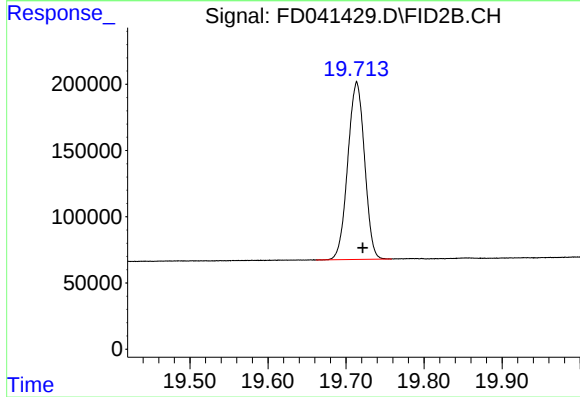
#19 n-Tetratriacontane (C34)

R.T.: 18.977 min

Delta R.T.: -0.007 min

Response: 2113239

Conc: 18.55 ug/ml



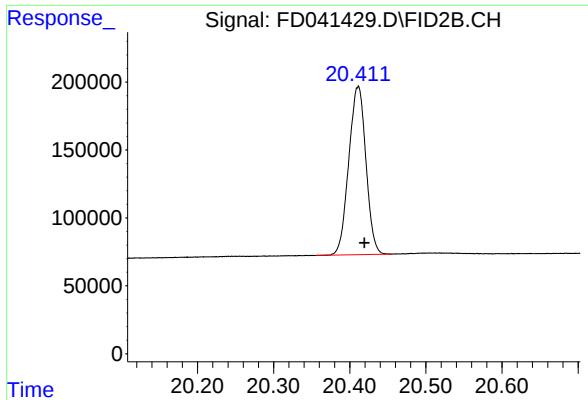
#20 n-Hexatriacontane (C36)

R.T.: 19.714 min

Delta R.T.: -0.008 min

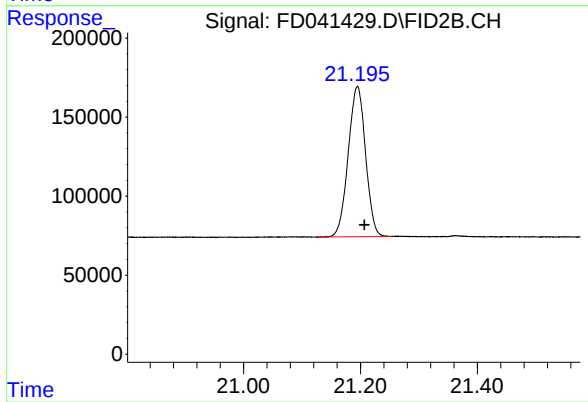
Response: 1997629

Conc: 19.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.411 min
Delta R.T.: -0.008 min
Response: 1937092
Conc: 20.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.195 min
Delta R.T.: -0.012 min
Response: 1957792
Conc: 20.66 ug/ml